



UNIVERSITY OF GLAMORGAN

Assessment Cover Sheet and Feedback Form

All of the relevant sections of Part A and Part B **MUST** be completed by the student and the form submitted with the assignment on or by the required submission date.

Please note that you should always keep a copy of your assignment

PART A: RECORD OF SUBMISSION

Record of Submission and Plagiarism Declaration:

I declare that this assignment is my own work and that the sources of information and material I have used (including the internet) have been fully identified and properly acknowledged as required in the referencing guidelines provided.

You are required to acknowledge that you have read the above statement by writing your student number(s) here:

Student Number:

Module Code:

SY2S21

Module Title:

NAD & SEC

Lecturer:

Gaius Mulley

Assessment Title: Spam filter

Unfiltered spam is making email unusable. While it is always possible to use 3rd party spam filters another solution is to customise your own spam filtering software. Python provides access to many TCP services including: imap, pop3 and smtp. Your task is to write a simple spam filtering program which retrieves email from an imap server and deliver it to your local machine using smtp. You may choose pop3 if you do not have access to an imap server. Your program should examine each message for the presence of spam. If the message is considered spam it should be written to a spam file otherwise it should be posted to your local machine using smtp.

For the purpose of this assignment you should use the following rule to detect spam:

Check each line for html, if $\geq 60\%$ of the lines contain html then consider the message to be spam otherwise treat the message as real email.

Your report must consist of a program listing and a line by commentary of the program behaviour. Finally you should suggest improvements which might be made to your program. Your assignment should not exceed 1500 words.

Assignment No. 1

No. of pages submitted in total including this page:

Word Count:

Date Set: 06 11 2008

Submission Date: 08 01 2009

Return Date: 12 02 2009

Details of Submission:

- *All coursework should be submitted in accordance with the date indicated on the front cover sheet. Hand in at start of lecture.*
- **IT IS YOUR RESPONSIBILITY TO KEEP A RECORD OF ALL WORK SUBMITTED.**
- *An electronic copy of your work should be deposited in the 'Drop Box' within the relevant module in Blackboard. This provides you with an electronic receipt of the submission.*
- However you **must** only submit **pdf** versions to the 'Drop Box' *all other file formats will be ignored by the lecturer. One method to generate a pdf version is to open up a MS Word document in OpenOffice and export as pdf.*
- Work should also be submitted to the member of academic staff responsible for setting your work (Hand in at start of lecture).
- Work not submitted to the lecturer responsible may, **exceptionally**, be submitted to the reception of the Faculty Office which is on the 2nd Floor of the Rhondda Building (G221) where a receipt will be issued.

Please note that assignments may only be submitted at the following specific times

10.00-12.00 and 14.00-16.00 hrs Monday to Thursday
and
10.00-12.00 and 14.00-15.30 hrs Friday

Please note that no marks will be awarded if the assignment is submitted after the submission date.

This assignment will be marked out of 100%

This assignment contributes to 25% of the total module marks.

This is a non bonded assignment i.e. it is not linked to a particular learning outcome.

Mitigating Circumstances: If there are any exceptional circumstances which may have affected your ability to undertake or submit this assignment, please make sure you contact the Faculty Advice Shop on 01443 482540 (G221).

PART B: MARKING & ASSESSMENT

Learning Outcomes		
<p>This assignment addresses the following learning outcomes of the module:</p> <p>(1) describe, classify and measure the performance of data networks. (2) offer advice on trends and developments of network strategies. (3) understand what facilities are required to manage a network.</p>		
Hours of Work		Number of Hours
1. Number of hours of work that this assignment should take:		25
2. Please indicate the number of hours actually taken:		
Marking Scheme		Marks Available Marks Awarded
Spam implementation		40
Documentation		30
Suggested improvements		30

ASSESSMENT CRITERIA

Performance Level	Criteria
Fail (<40%)	A fail grade will be awarded for an answer which contains major errors and shows little understanding of the issues involved
Third/Pass (40%-49%)	A pass grade will be awarded for an answer which addresses the majority of points with few errors or omissions.
2:2/Pass (50%-59%)	An average grade will be awarded for answers which contain no major errors or omissions.
2:1/Merit (60%-69%)	A higher mark can be achieved if the work contains no major errors and also contains an analytical answer.
First/Distinction (70%+)	A high grade will be awarded for work which includes the earlier criteria and contains a high quality analysis of issues from a range of source materials and makes some original contribution on the subject.

PART C: FOR COMPLETION BY THE STUDENT

Proof Reading Please indicate that you have checked the:	Spelling (inc. spell-checking)	Y/N
	Punctuation (inc. correct use of apostrophies)	Y/N
	Paragraphs (NB: one sentence is not a paragraph)	Y/N
	Citations and References (do they correspond?)	Y/N
	Esthetically pleasing typography. (Use of fonts, no widows or orphans etc.)	Y/N

PLEASE ASSESS ASPECTS OF YOUR WORK	For each of the marking criteria, you are required to assess whether you feel that you have completed it:				
	Very well	Well	Adequately	Poorly	Very Poorly
Spam implementation					
Documentation					
Suggested improvements					

Do YOU CONSIDER YOUR WORK WORTH:	70 or more	60-69	50-59	40-49	39 or less
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PART D: MARKER'S FEEDBACK

Lecturer's Comments:

AREAS TO CONCENTRATE ON NEXT TIME:

English	Spelling	Grammar	Punctuation	Paragraphs/Sentances
Layout	Titles	Subtitles	Blank Spaces	Typography
Technical	Citation	Referencing		
Lecture's signature:			Date:	Mark awarded:

All marks are subject to confirmation by the Board of Examiners